CBR3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CBR3, Polyclonal Antibody
Full Product Name	CBR3
Product Gene Name	anti-CBR3 antibody
Product Synonym Names	HEL-S-25; SDR21C2; hCBR3
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purity/Purification	Affinity purification
Preparation and Storage	Aliquot and store at-20 degree C. Avoid repeated freeze/thaw cycles.
Molecular Weight	31kDa
OMIM	603608
3D Structure	ModBase 3D Structure for O75828
Immunogen	Recombinant protein of human CBR3
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CBR3 antibody	Western Blot (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)
Application Notes for anti-CBR3 antibody	WB: 1:500-1:2000 IHC: 1:50-1:200 IF: 1:50-1:200
Related Product Information for anti-CBR3 antibody	Carbonyl reductase 3 catalyzes the reduction of a large number of biologically and pharmacologically active carbonyl compounds to their corresponding alcohols. The enzyme is classified as a monomeric NADPH-dependent oxidoreductase. CBR3 contains three exons spanning 11.2 kilobases and is closely linked to another carbonyl reductase gene-CBR1.
Other Notes	Small volumes of anti-CBR3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CBR3 purchase	MBS8536434 is an antibody targeting CBR3. Reactive in Human, Mouse, Rat. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CBR3. It may not necessarily be applicable to this product.

NCBI GI #	4502601
NCBI GeneID	874
NCBI Accession #	NP_001227.1

UniProt Primary Accession #	O75828
UniProt Secondary Accession #	Q6FHP2
UniProt Related Accession #	O75828
GenBank Nucleotide #	NM_001236.3
NCBI Official Full Name	carbonyl reductase
NCBI Official Synonym Full Names	carbonyl reductase 3
NCBI Official Symbol	CBR3
NCBI Official Synonym Symbols	hCBR3; SDR21C2; HEL-S-25
UniProt Protein Name	Carbonyl reductase [NADPH] 3
UniProt Synonym Protein Names	NADPH-dependent carbonyl reductase 3; Short chain dehydrogenase/reductase family 21C member 2
Protein Family	Carbonyl reductase
UniProt Gene Name	CBR3
NCBI Protein Information	carbonyl reductase [NADPH] 3
NCBI Summary for CBR3	Carbonyl reductase 3 catalyzes the reduction of a large number of biologically and pharmacologically active carbonyl compounds to their corresponding alcohols. The enzyme is classified as a monomeric NADPH-dependent oxidoreductase. CBR3 contains three exons spanning 11.2 kilobases and is closely linked to another carbonyl reductase gene - CBR1. [provided by RefSeq, Jul 2008]
UniProt Comments for CBR3	Has low NADPH-dependent oxidoreductase activity towards 4-benzoylpyridine and menadione (in vitro).
Research Articles on CBR3	**1.** No significant correlation between cardiotoxicity and SNPs within the CBR pathway. Further investigation into CBR SNPs in a larger adult sample is needed.
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